Patent

Attorney Docket No. _1032404-000079

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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n re Patent Application of

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Application No.: 10/500,325 Filing Date: June 28, 2004

Title: OPTICAL SEMICONDUCTOR DEVICE

Group Art Unit: 2811

Examiner: To Be Assigned Confirmation No : 8943

SECOND INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir

		closed is aSECOND	Information Disclosure Statement and accompanying form
PTC	D-144	19 for the above-identified patent	application.
	×	No additional fee for submission	of an IDS is required.
		The fee of \$180.00 (1806) as s	et forth in 37 C.F.R. § 1.17(p) is also enclosed.
	×	A statement under 37 C.F.R. § 1	I.97(e) is also enclosed.
		A statement under 37 C.F.R. § 1	1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R.
		§ 1.17(p) are also enclosed.	
		Charge to Deposi	t Account No. 02-4800 for the fee due.
		A check in the amount of	is enclosed for the fee due.
		Charge to credit	t card. Form PTO-2038 is attached.
	TL -		

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

BUCHANAN1NGERSOLL PC

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620

Date: February 23, 2006

By Ellen Marcie Emas

Respectfully submitted.

Registration No. 32,131

Attorney's Docket No. 1032404-000079

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hiroshi Aruga et al.

Application No.: 10/500,325

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For: OPTICAL SEMICONDUCTOR DEVICE

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SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application. In accordance with MPEP § 609 III A(3), an English language version of the search report or action which indicates the degree of relevance found by the foreign office is being submitted herewith.

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SECOND Information Disclosure Statement Application No. 10/500,325 Attorney's Docket No. 1032404-000079

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application. In accordance with MPEP § 609 III A(3), an English language version of the search report or action which indicates the degree of relevance found by the foreign office is being submitted herewith.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date February 23, 2006

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620 By: Ellen Marcie Emas

Registration No. 32,131

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Substitute for form 1449A/PTO & 1449B/PTO	Complete if Known				
SECOND	Application Number	10/500,325			
INFORMATION DISCLOSURE	Filing Date	June 28, 2004			
STATEMENT BY APPLICANT	First Named Inventor	Hiroshi Aruga et al.			
(use as many sheets as necessary)	Examiner Name	To Be Assigned			
Sheet P1E 495 1	Attorney Docket Number	1032404-000079			
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	FEB 2.9 700h W	U.S. PATENT DOCUMENTS				
Examiner Initials	Document Numbers TRAN	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Dat (MM-DD-YYYY)		

			FOREIGN PATENT DOCUM	ENTS							
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Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Spec
/TVR/ /TVR/	62206570		Japan	09/11/1987					$\overline{}$	x	Г
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	NON-PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/TVR/	European Patent Office. Supplementary European Search Report. Application No. EP 03 76 4178. December 15, 2005. (3 pages).
/TVR/	XP-001222521. NAGAHORI, Takeshi et al. "An Analog Front-End Chip Set Employing an Electro-Optical Mixed Design on SPICE for 5-Gb/s/ch Parallel Optical Interconnection." IEEE Journal of Solid-State Circuits, Volume 36, No. 12, pp 1984-1991. December 2001.
/TVR/	SAKAI, K. et al. "A Coaxial DFB Laser-Diode Module with a Differential Feed for 10-Gb/s Ethernet Application." Friday Morning. Volume 2. pp 679-680. OFC 2003.

Examiner Signature	/Tod Van Roy/ (02/26/2008)	Date Considered	
	tial if reference considered, whether or not citation is not considered. Include copy of this form with nex		